

DOCKET NO.: CELL-0288/PA512

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Daniel Christopher Brookings, et al.

Confirmation No.: 1007

Application No.: 10/518,725

Group Art Unit: 1614

Filing Date: May 26, 2005

Examiner: Not Yet Assigned

For: ARYLAMINE SUBSTITUTED BICYCLIC HETEROAROMATIC
COMPOUNDS AS P38 KINASE INHIBITORS

DATE OF DEPOSIT:

September 16, 2005

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INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

- ☐ Certification in Accordance with § 1.97(e) is attached; or
- ☐ The fee of **\$180.00** as set forth in § 1.17(p) is attached.

- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of **\$180.00** as set forth in § 1.17(p).

- ☒ Copies of reference numbers **1 - 31** listed on the attached Form PTO-1449 are enclosed herewith.

- ☐ Copies of reference numbers - on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).

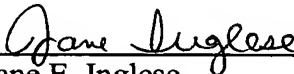
- ☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

- ☐ The relevance of those listed references which are not in the English language is as follows:

There are no listed references which are not in the English language.

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Date: September 16, 2005


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Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CELL-0288/PA512	Application No. 10/518,725
	Applicant Daniel Christopher Brookings, et al.	
	Filing Date May 26, 2005	Group 1614
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
1	Adams, J.L., et al., "p38 MAP kinase: molecular target for the inhibition of pro-inflammatory cytokines," <i>Process in Medicinal Chem.</i> , King, F.D., et al. (Eds.), <i>Elsevier Science</i> , 2001, 38, 1-60	
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	11	Hale, K.K., et al., "Differential expression and activation of p38 mitogen-activated protein kinase α , β , γ , and δ in inflammatory cell lineages," <i>J. of Immun.</i> , 1999 , 162, 4246-4252	
	12	Hartwig, J.F., et al., "Transition metal catalyzed synthesis of arylamines and aryl ethers from aryl halides and triflates: scope and mechanism," <i>Angew. Chem. In. Ed. Engl.</i> , 1998 , 37, 2046-2067	
	13	Hedayatullah, M., "Alkylation des pyrimidines en catalyse par transfert de phase," <i>J. Heterocyclic Chem.</i> , 1981 , 18, 339-342 (English summary on page 342)	
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	21	Lee, J.C., et al., "A protein kinase involved in the regulation of inflammatory cytokine biosynthesis," <i>Nature (London)</i> , 1994 , 372, 739-747	
	22	Luker, T.J., et al., "Palladium catalysed amination of electron deficient halothiophenes," <i>Tetrah. Letts.</i> , 2000 , 41, 7731-7735	
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	29	Turner, R.B., et al., "Association between interleukin-8 concentration in nasal secretions and severity of symptoms of experimental rhinovirus colds," <i>Clin. Infec. Dis.</i> , 1997 , 26, 840-846	
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	31	Zhu, Z., et al., "Rhinovirus stimulation of interleukin-6 in vivo and in vitro," <i>J. Clin. Invest.</i> , 1996, 97(2), 421-430	
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